



STIC Search Report

EIC 3700

STIC Database Tracking Number: 148209

**TO: Linda Sholl
Location: RND 8a31
Art Unit: 3700
Monday, March 21, 2005**

Case Serial Number: 10/786917

**From: Terry Solomon
Location: EIC 3700
RND 8b31
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Search Notes

No current or past litigation found involving US pat. 6349925.

Sources:

Lexis/Nexis
Questel-Orbit

493363 (09) 6349925 February 26, 2002

Time of Request: March 18, 2005 01:37 PM EST

Research Information:

Utility, Design and Plant Patents
patno=6349925

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6349925

February 26, 2002

Carburetor for two-stroke engine

REISSUE: February 25, 2004 - Reissue Application filed Ex. Gp.: 1724; Re. S.N. 10/786,917 (O.G. July 20, 2004)

APPL-NO: 493363 (09)

FILED-DATE: January 28, 2000

GRANTED-DATE: February 26, 2002

ASSIGNEE-AT-ISSUE: Walbro Japan, Inc., Tokyo, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: April 17, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., WALBRO JAPAN, INC. TERADA BUILDING 4F, 2-3-3 SHIBA KOUEN MINATO-KU, TOKYO 105 JAPAN, Reel and Frame Number: 10706/0890

LEGAL-REP: Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C. - ##0

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US6349925 B1 20020226 [US6349925]

Title :

(B1) Carburetor for two-stroke engine

Patent Assignee :

(B1) WALBRO JAPAN INC (JP)

Patent Assignee :

Walbro Japan, Inc., Tokyo [JP]

Inventor(s) :

(B1) OHGANE SHIN-ICHI (JP); TOBINAI TERUHIKO (JP)

Application Nbr :

US49336300 20000128 [2000US-0493363]

Priority Details :

JP2420399 19990201 [1999JP-0024203]

Intl Patent Class :

(B1) F02M-007/26

EPO ECLA Class :

F02M-017/00

F02M-023/02

F02M-023/03

US Patent Class :

ORIGINAL (O) : 261023300; CROSS-REFERENCE (X) : 261DIG001 261046000
261047000

Document Type :

Corresponding document

Citations :

US2325010; US3174469; US3439658; US4060062; US4073278; US4094931;
US4182295; US4200083; US4256063; US4294205; US4333429; US4796579;
US5036816; US5200118; US6000683; DE342274; DE432953; DE2204192;
DE2909637; DE3722424; EP0651142; JP57183520; JP09268918; WO9817902

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A carburetor for a two stroke engine with an air passage and a separate fuel and air mixing passage in a carburetor body and the passages having an air valve and a throttle valve, respectively. A coupling connects a valve shaft of the air valve with a valve shaft of the throttle valve and has an area wherein the valves are rotatable relative to each other corresponding to a difference between an opening and closing angle of the air valve and an opening and closing angle of the throttle valve. Preferably, when the throttle valve is in an idle position, the air valve is closed and the throttle valve can be opened through at least some angle from its idle position before the air valve is moved from its closed position. Also, the air valve is preferably fully opened when the throttle valve is moved to its fully or wide open position. Thus, at idle operation of the engine, the air valve is closed to prevent a scavenging air supply from being provided to the engine to avoid an overly lean fuel and air mixture in the engine. When the engine is moved sufficiently off idle, the air valve is opened to supply the scavenging air supply to the engine which facilitates removal of exhaust gases and reduces the escape of a fresh fuel and air mixture through the engine exhaust ports.

Update Code :

2002-10

1 / 1 LGST - ©EPO

Patent Number :

US6349925 B1 20020226 [US6349925]

Application Number :

US49336300 20000128 [2000US-0493363]

Action Taken :

20000417 US/AS-A

ASSIGNMENT

OWNER: WALBRO JAPAN, INC. TERADA BUILDING 4F, 2-3-3 SHIBA

ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:TOBINAI, TERUHIKO;OHGANE,

SHIN-ICHI;REEL/FRAME:010706/0890;SIGNING DATES FROM 20000125 TO 20000225

20040720 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040225

Update Code :

2004-31

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,349,925 A 20020226 [US6349925]

Patent Assignee :

Walbro Japan Inc JP

Actions :

20040225 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040720

REISSUE REQUEST NUMBER: 10/786917

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1724

Reissue Patent Number:

Session finished: 18 MAR 2005 Time 20:53:52

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